

WHAT IS CLAIMED IS:

1. A backlight unit, comprising:
first and second lamp groups including a plurality of lamps, respectively;
5 first and third electrode connecting means electrically connected to both electrodes
of each of the lamps constituting the first lamp group; and
second and fourth electrode connecting means electrically connected to both
electrodes of each of the lamps constituting the second lamp group,
wherein the respective lamps constituting the first and second lamp groups are
10 alternately arranged.

2. The backlight unit as claimed in claim 1, further comprising:
a first inverter for driving the first lamp group, and
a second inverter for driving the second lamp group.

15 3. The backlight unit as claimed in claim 2, wherein a phase difference in voltages
output from the first and second inverters is less than 90 degrees.

4. A backlight unit, comprising:
20 two or more lamp groups constructed in such a manner that a plurality of lamps
are allocated into two or more groups; and
a plurality of electrode connecting means electrically connected to both electrodes
of each of the lamps constituting the two or more lamp groups,
wherein the respective lamps constituting the two or more lamp groups are
25 alternately arranged.

5. The backlight unit as claimed in claim 4, further comprising:
two or more inverters for driving the two or more lamp groups.

30 6. The backlight unit as claimed in claim 5, wherein a phase difference in voltages

output from the two or more inverters is less than 90 degrees.

7. The backlight unit as claimed in claim 1 or 4, wherein each of the lamps has external electrodes.

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8. A liquid crystal display device, comprising:

a liquid crystal module including a liquid crystal panel, a gate-driving unit for sequentially applying a gate-on signal to gate lines of the liquid crystal panel, and a data-driving unit for applying a data signal to all data lines of the liquid crystal panel; and

10 a backlight unit for irradiating a predetermined amount of light to the liquid crystal panel,

wherein the backlight unit comprises first and second lamp groups including a plurality of lamps, respectively, first and third electrode connecting means electrically connected to both electrodes of each of the lamps constituting the first lamp group, and
15 second and fourth electrode connecting means electrically connected to both electrodes of each of the lamps constituting the second lamp group, the respective lamps constituting the first and second lamp groups being alternately arranged.

9. The device as claimed in claim 8, further comprising:

20 two or more inverters for driving the two or more lamp groups.

10. The device as claimed in claim 9, wherein a phase difference in voltages output from the two or more inverters is less than 90 degrees.